

PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference WJN/P35052WO	FOR FURTHER ACTION	
see Form PCT/ISA/220 as well as, where applicable, item 5 below.		
International application No. PCT/GB2004/005182	International filing date (day/month/year) 09/12/2004	(Earliest) Priority Date (day/month/year) 12/12/2003
Applicant THOMAS SWAN & CO. LIMITED		
<p>This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This International Search Report consists of a total of <u>3</u> sheets.</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p>		
<p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box II).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (see Box III).</p> <p>4. With regard to the title,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established by this Authority to read as follows:</p> <p>5. With regard to the abstract,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the drawings,</p> <p>a. the figure of the drawings to be published with the abstract is Figure No. _____</p> <p><input checked="" type="checkbox"/> as suggested by the applicant.</p> <p><input type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p>		

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/005182

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01J9/00 G02B27/46 G02B26/06 G06E3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01J G02B G06E

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	VORONTSOV M ET AL: "ADVANCED PHASE-CONTRAST TECHNIQUES FOR WAVEFRONT SENSING AND ADAPTIVE OPTICS" PROCEEDINGS OF THE SPIE, vol. 4124, 2000, pages 98-109, XP002320973 BELLINGHAM, US page 99 - page 101; figure 1	1-18
A	CROSSLAND W A ET AL: "HOLOGRAPHIC OPTICAL SWITCHING: THE "ROSES" DEMONSTRATOR" JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 18, no. 12, December 2000 (2000-12), pages 1845-1854, XP002320974 USIEEE. NEW YORK figure 1	1-18
A	US 6 570 143 B1 (NEIL MARK ANDREW AQUILLA ET AL) 27 May 2003 (2003-05-27) abstract; figures	1-18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

14 March 2005

Date of mailing of the international search report

01/04/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/005182

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6570143	B1	27-05-2003	DE DE EP ES WO JP	69901516 D1 69901516 T2 1123491 A1 2174641 T3 0017612 A1 2002525596 T
				20-06-2002 10-10-2002 16-08-2001 01-11-2002 30-03-2000 13-08-2002